

of = Output function
nf = Next State function

FIG. 1

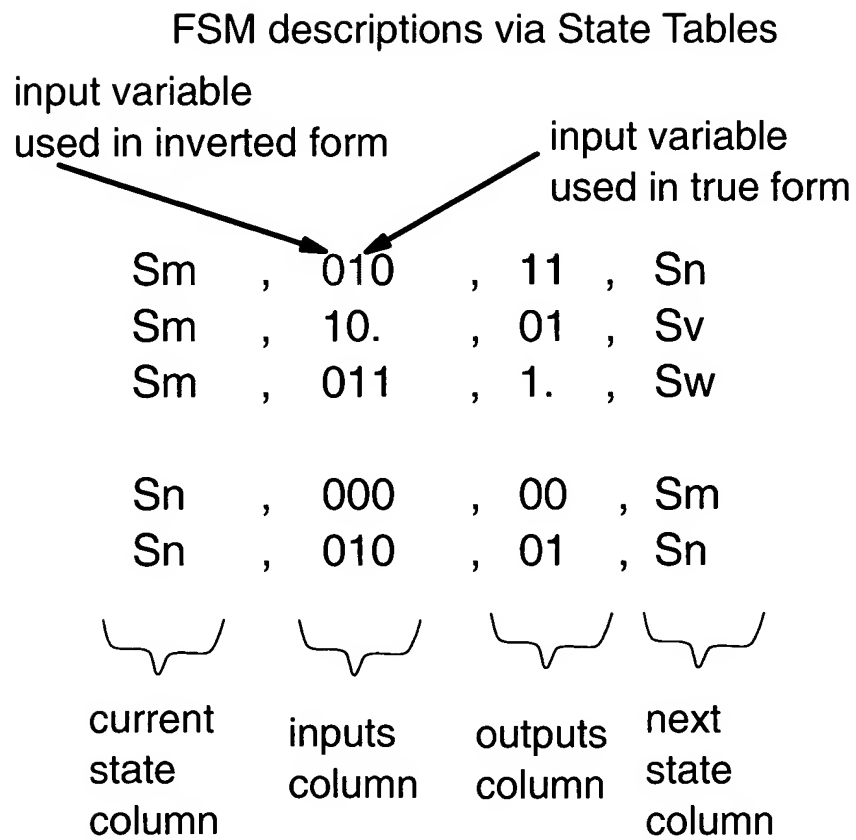


FIG. 2

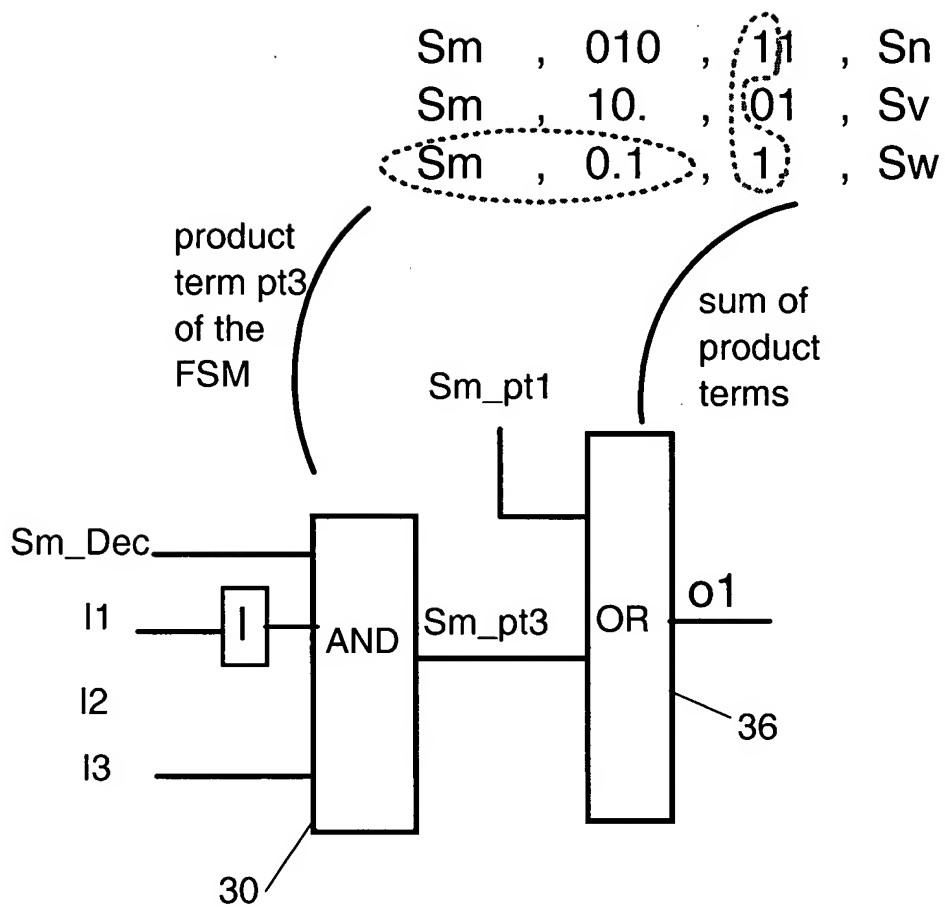


FIG. 3

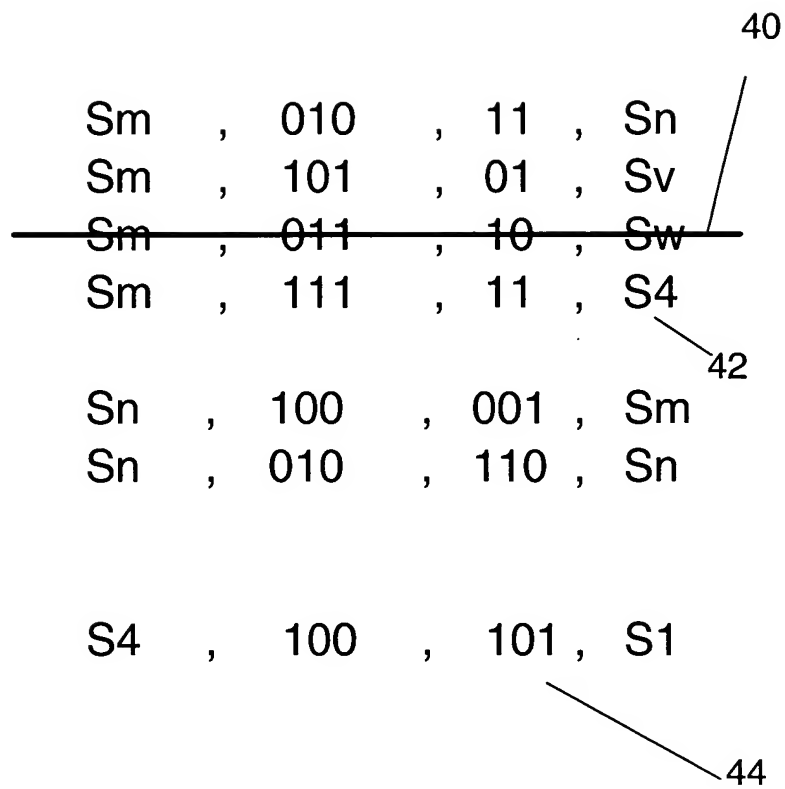


FIG. 4

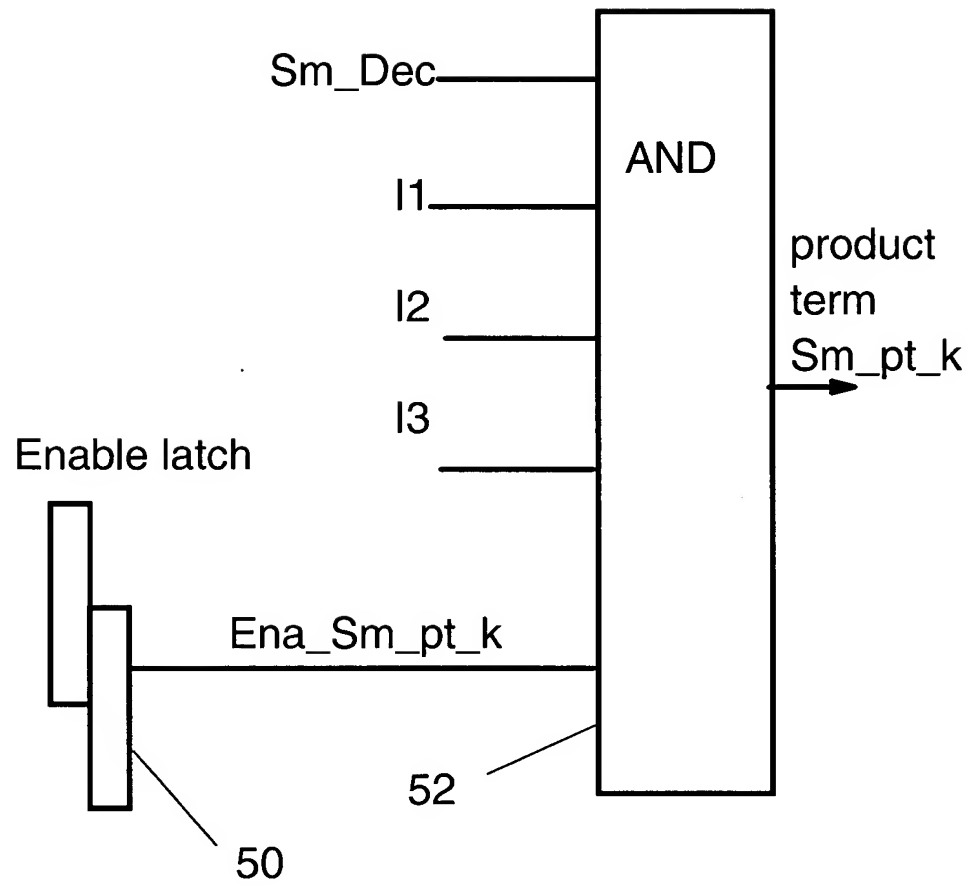


FIG. 5

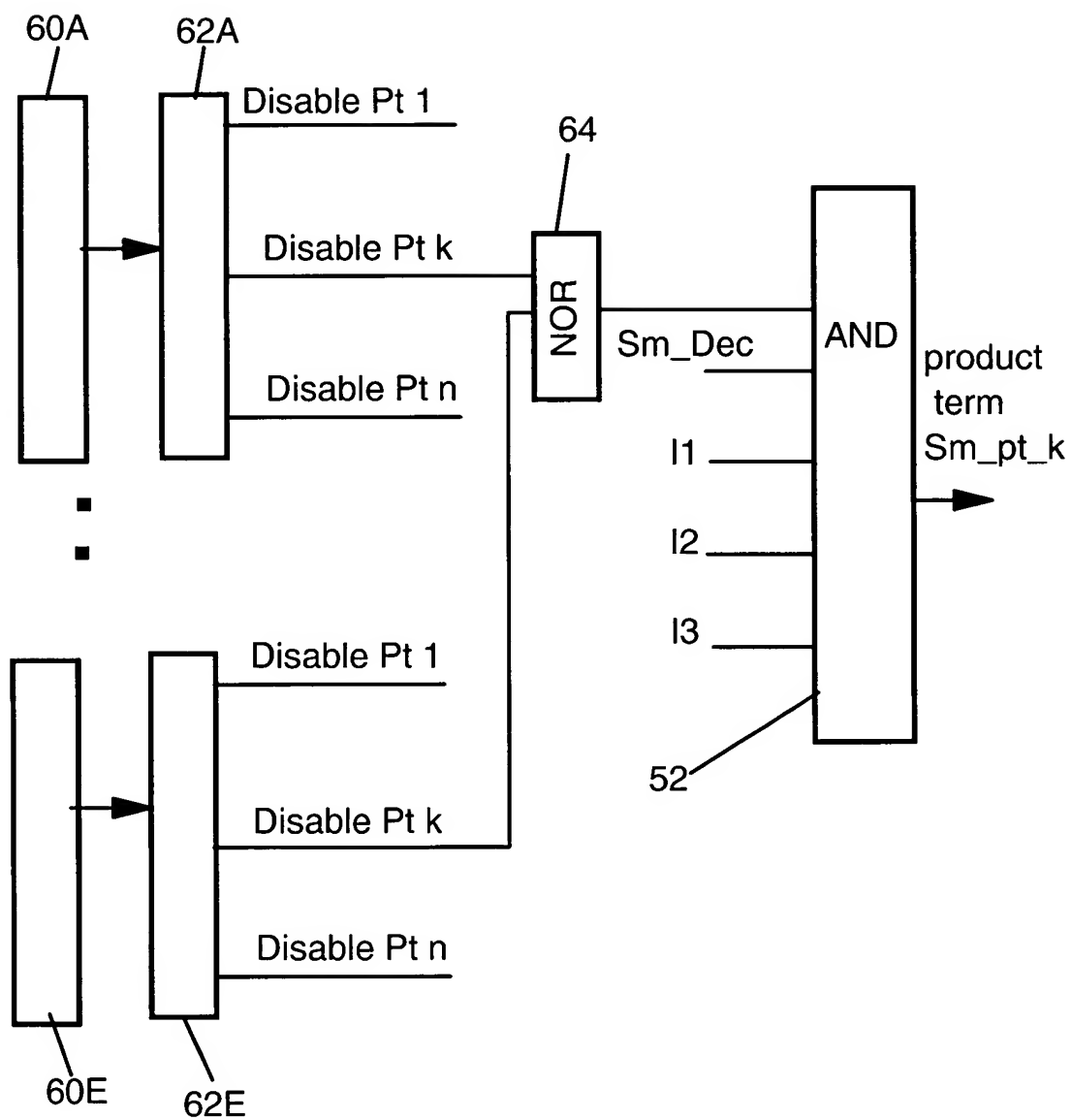


FIG. 6

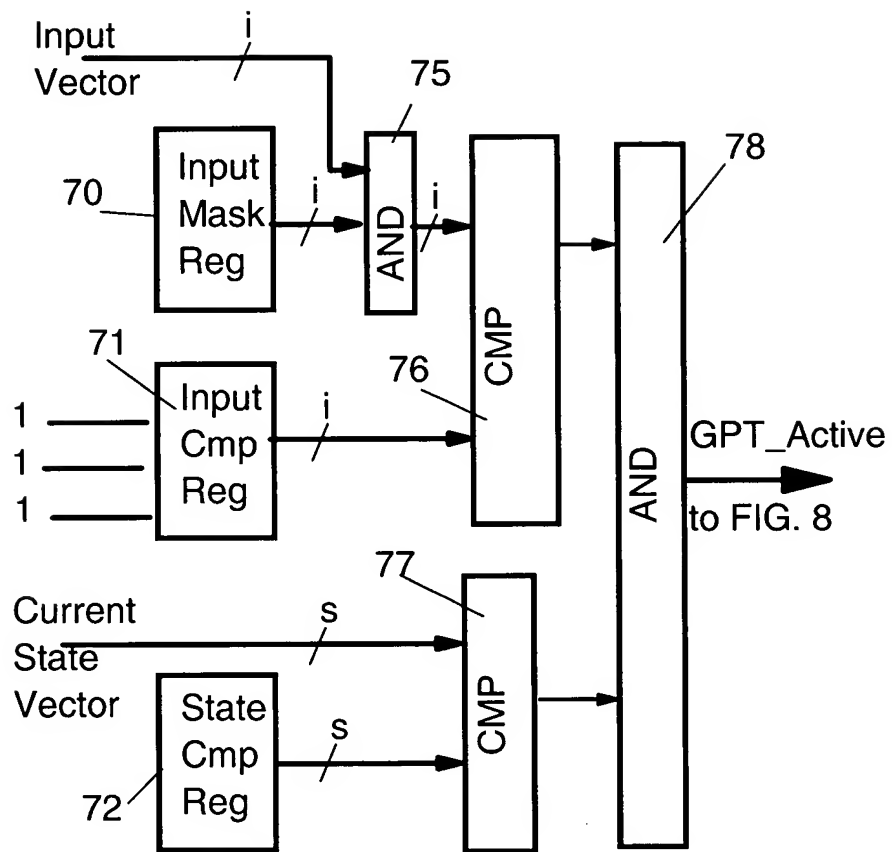


FIG.7

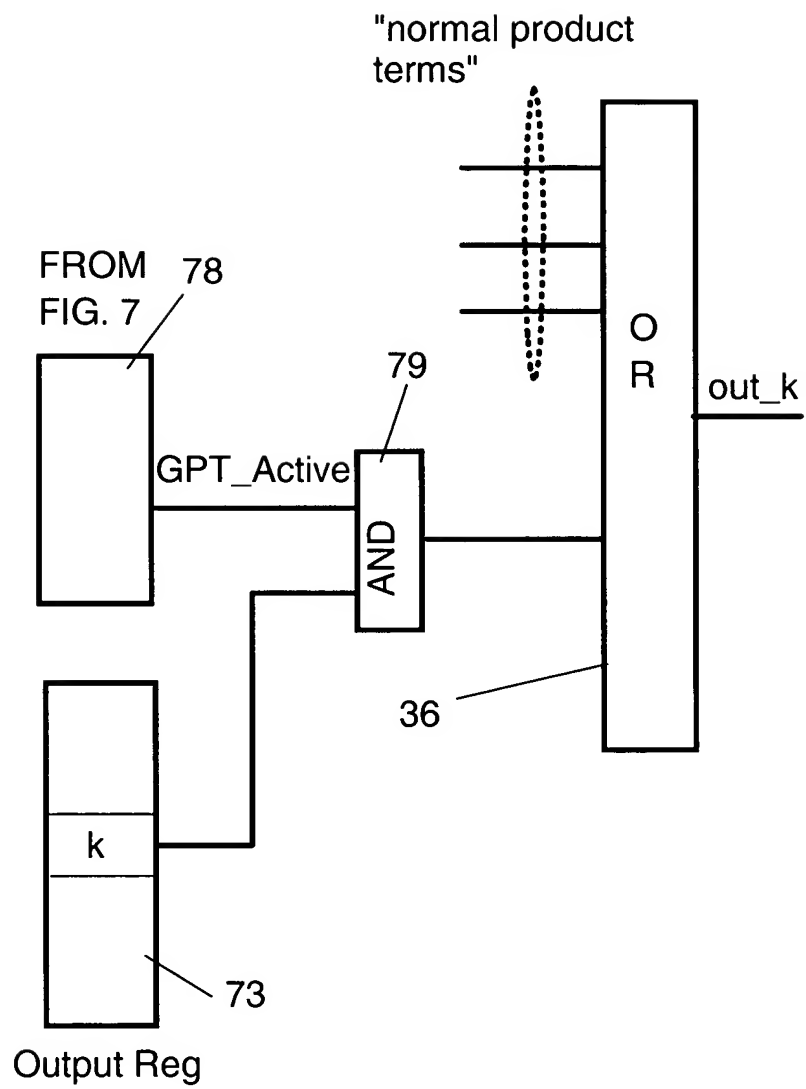


FIG.8

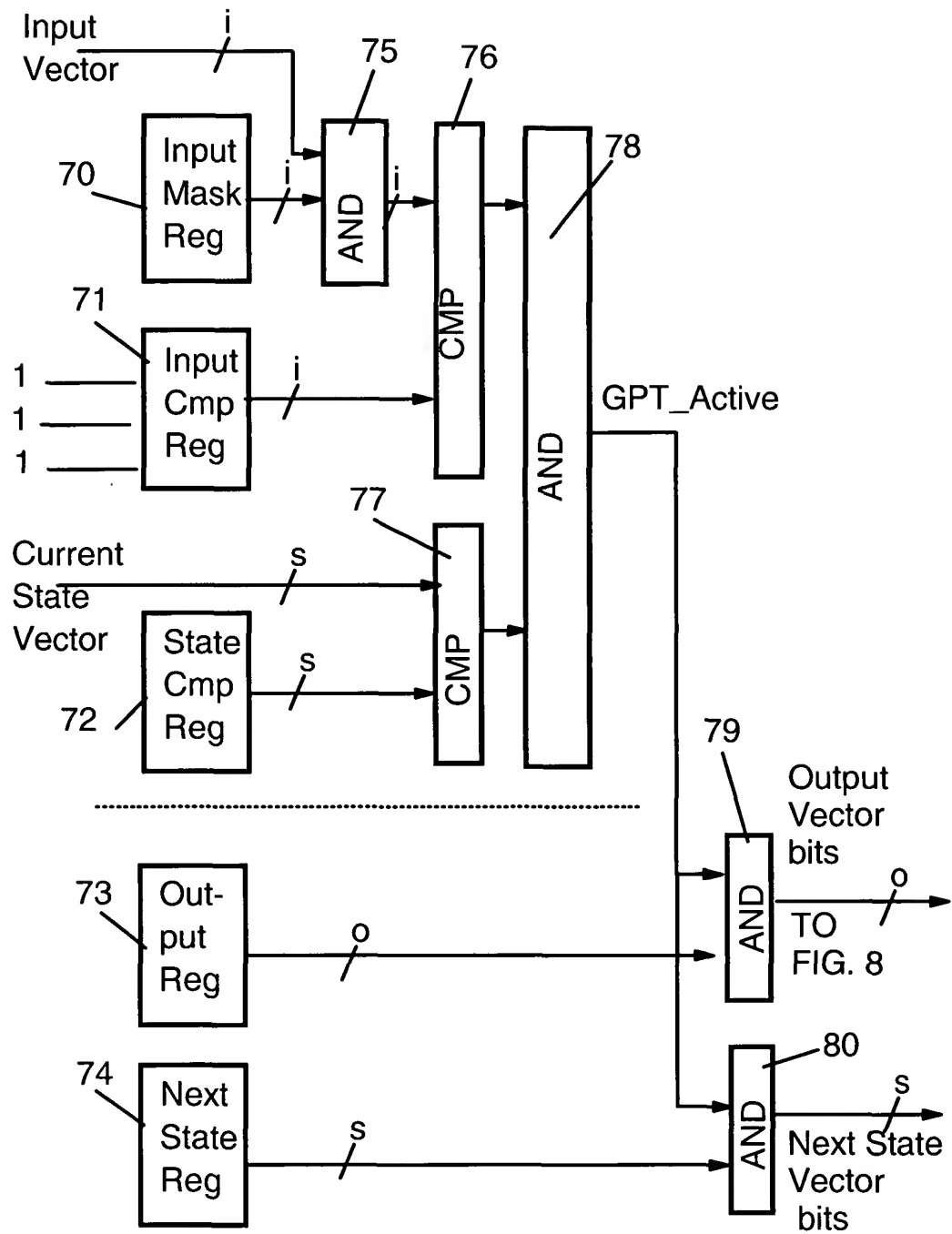


FIG. 8A

Sm_Pt1 Sm , 010 , 11 , Sn
 Sm_Pt2 Sm , 10. , 01 , Su
 Sm_Pt3 Sm , 011 , 1. , Sv
 Sm , Otherwise , 01 , Sw

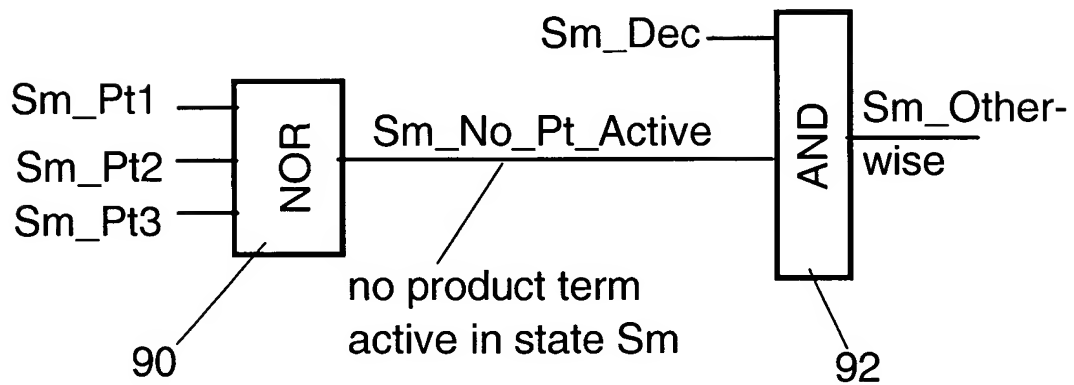


FIG.9
PRIOR ART

Otherwise (Cont)

Sm	,	010	,	11	,	Sn
Sm	,	10.	,	01	,	Su
Sm	,	011	,	1.	,	Sv
Sm	,	111	,	01	,	Sx
Sm	,	Otherwise	,	01	,	Sw

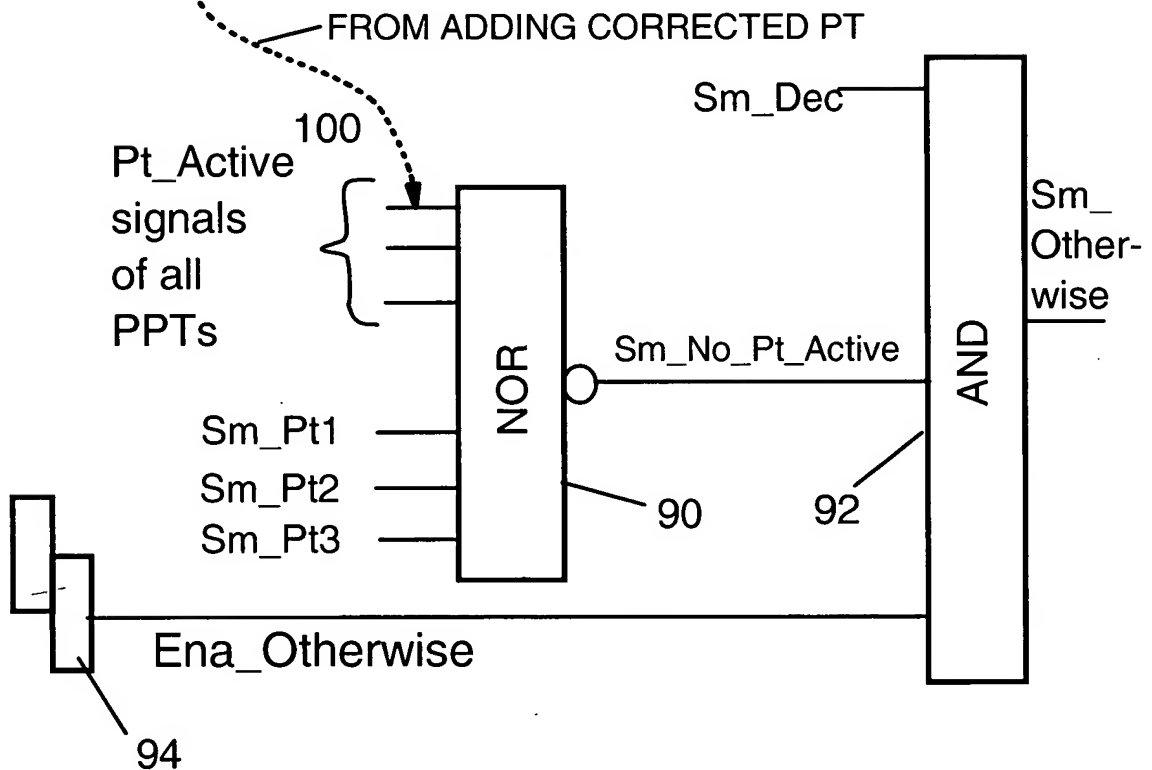


FIG.10

A Programmable Otherwise

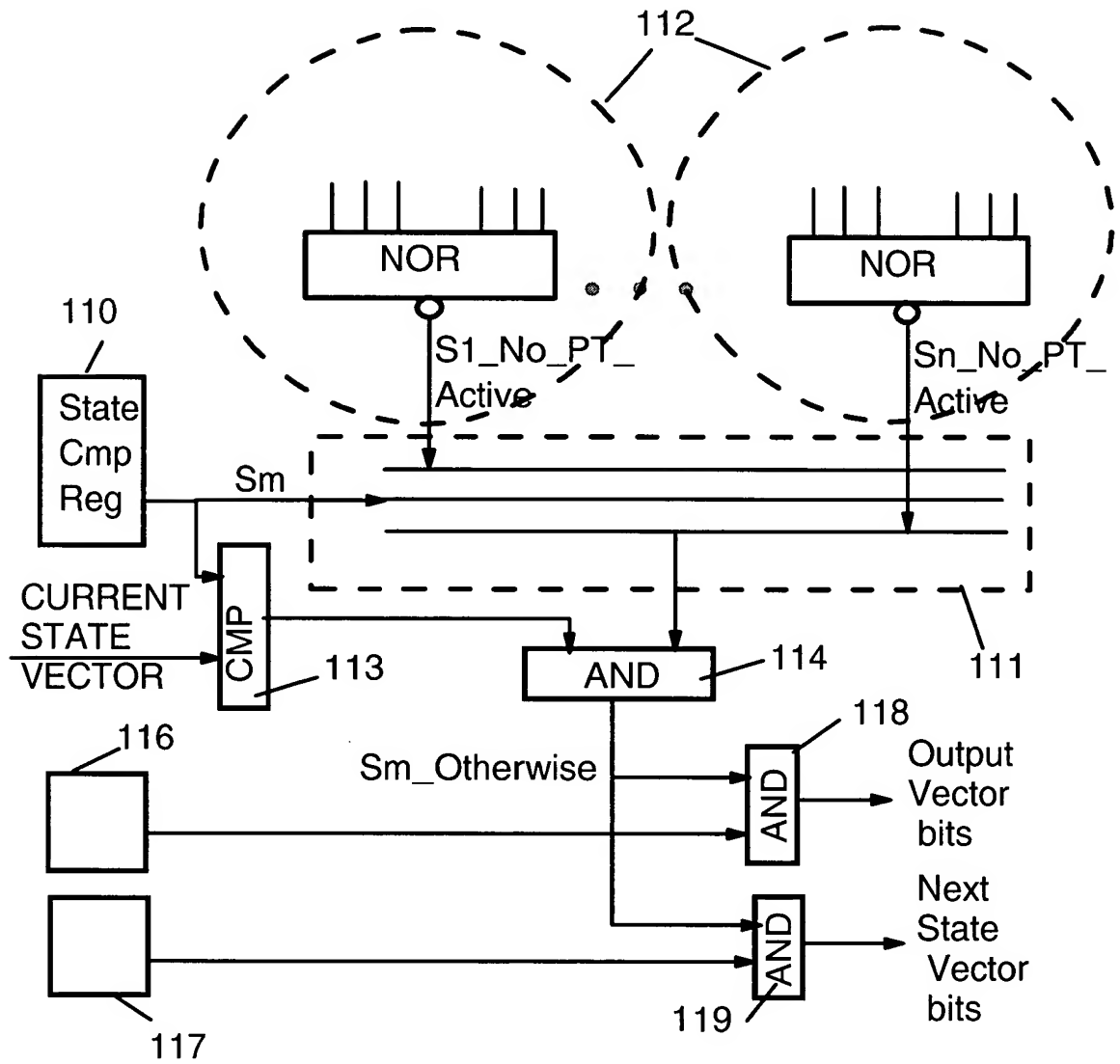


FIG.11

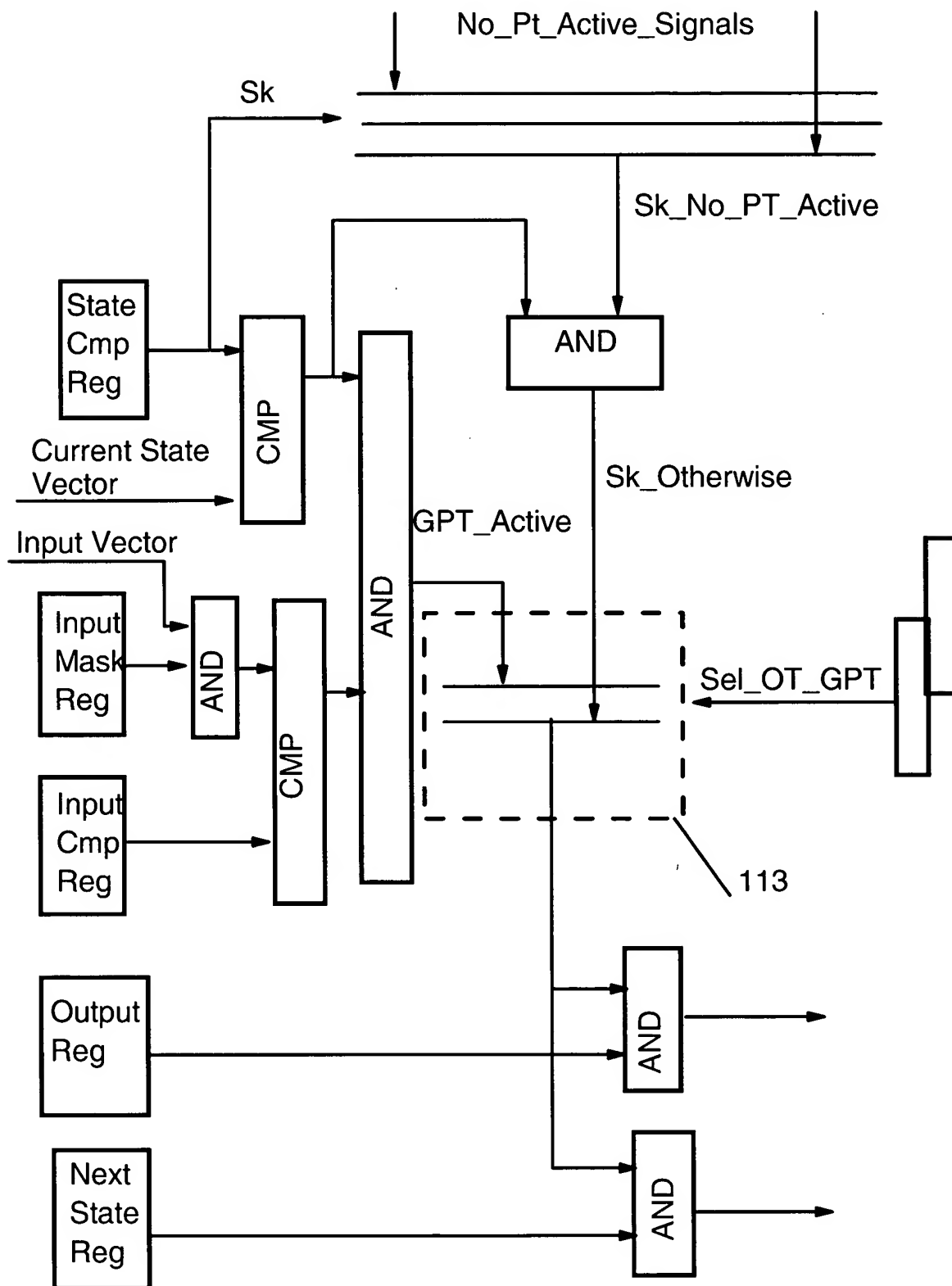
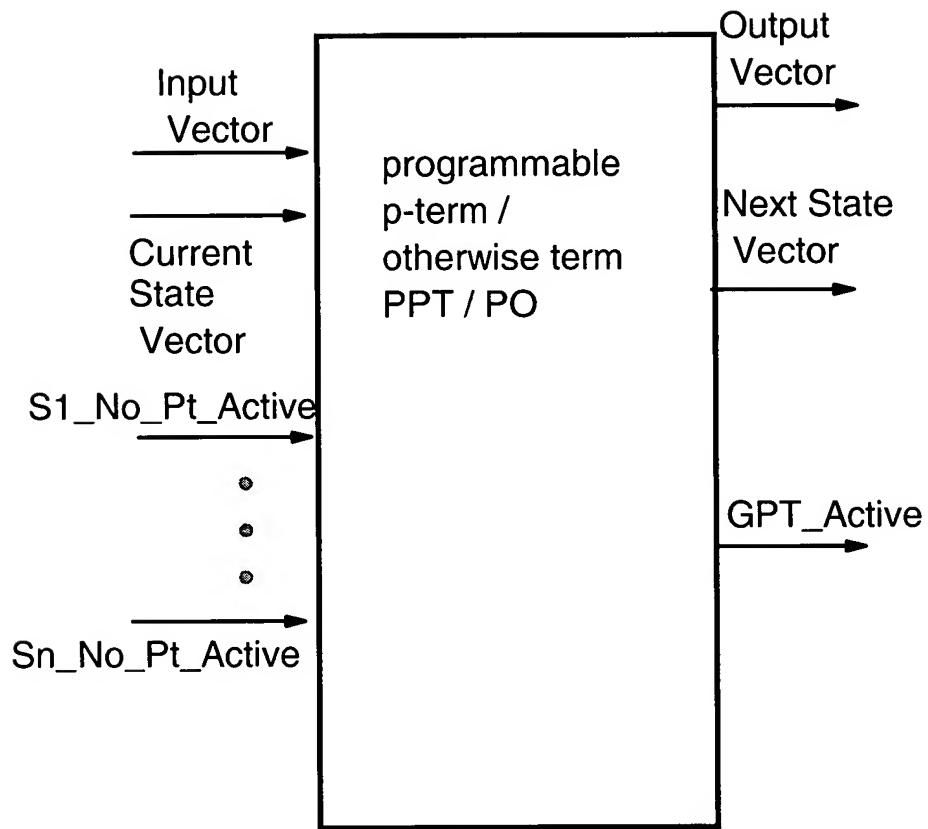


FIG.12



The I/Os of a programmable PO-term

FIG.13

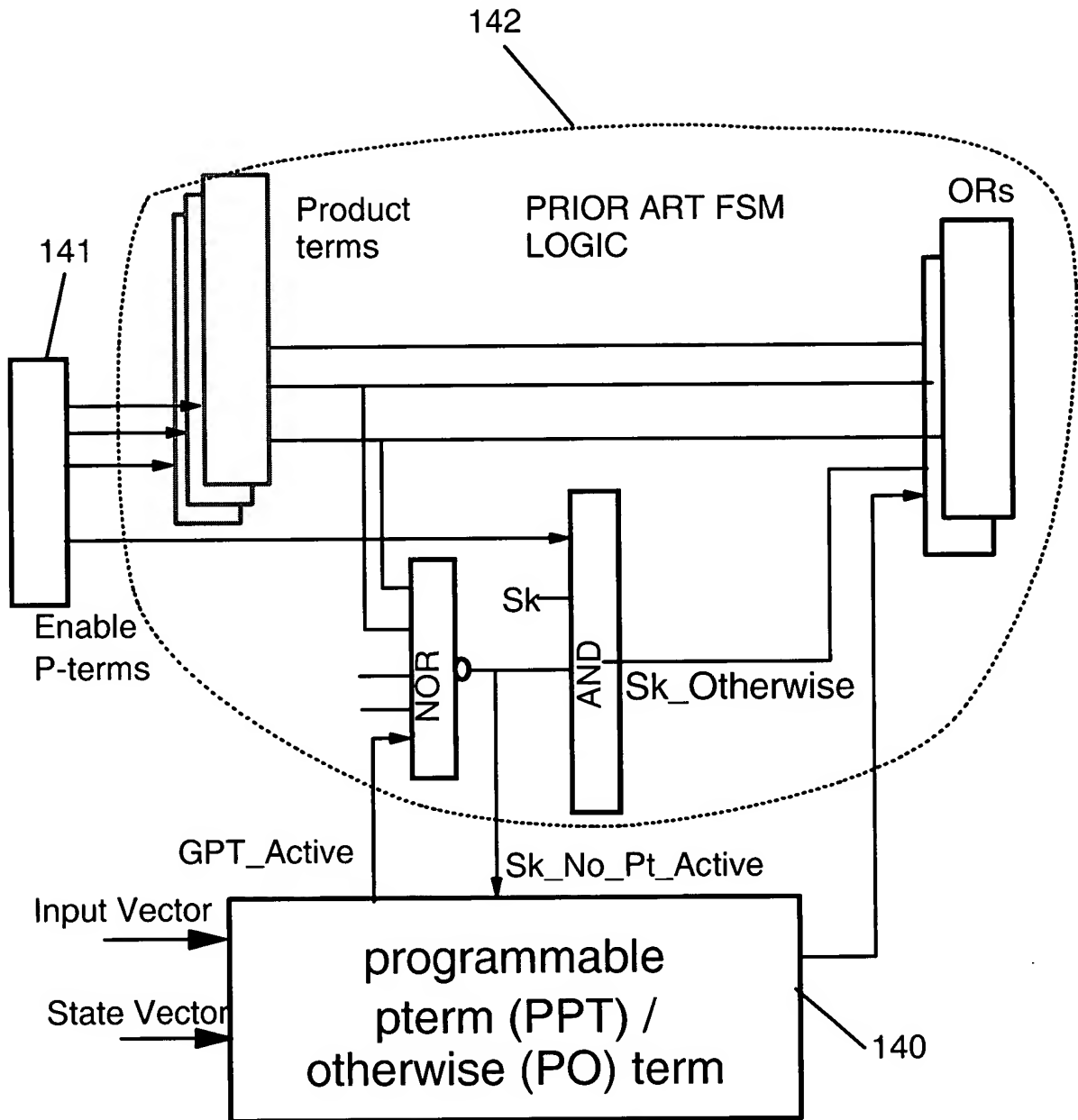


FIG.14

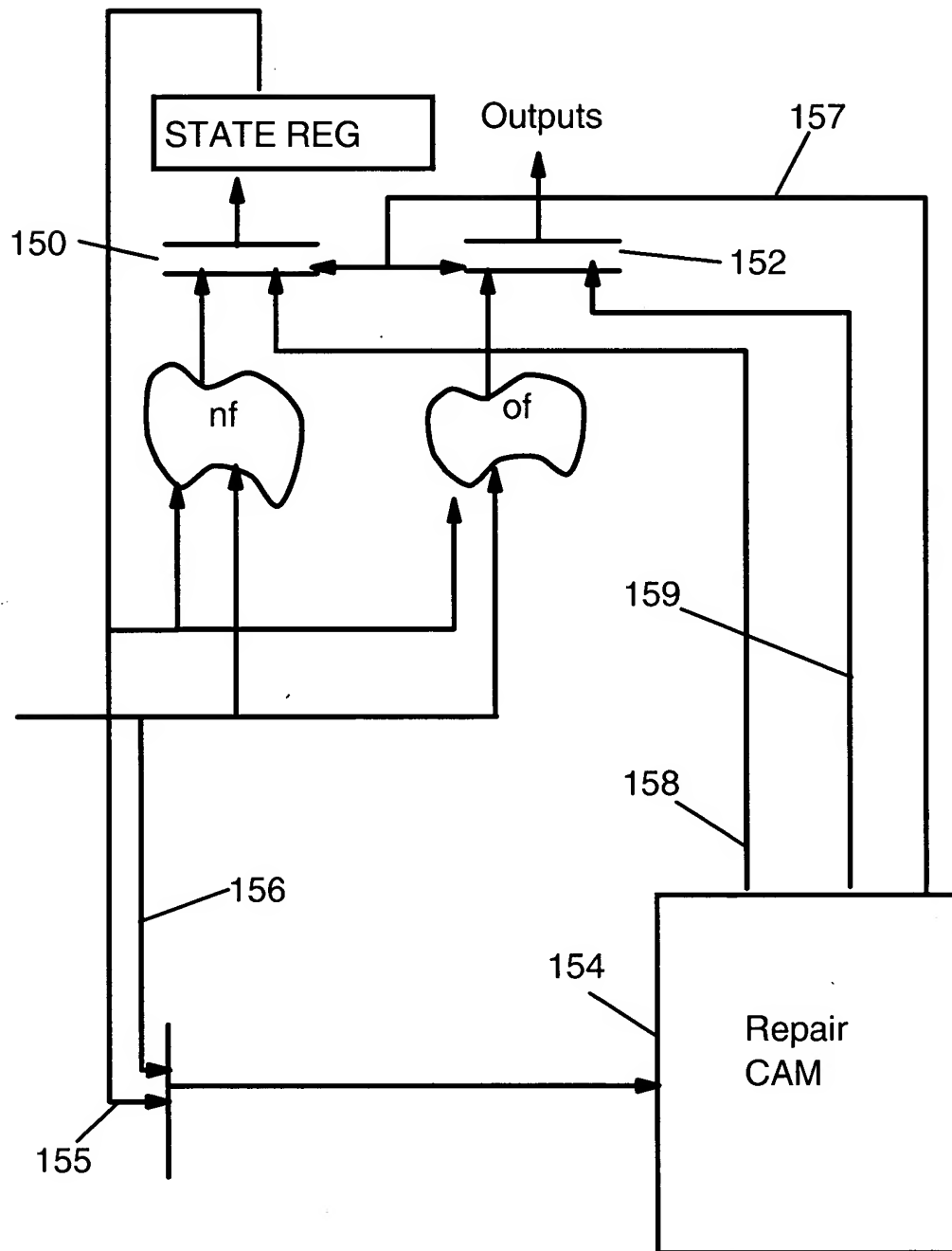


FIG.15

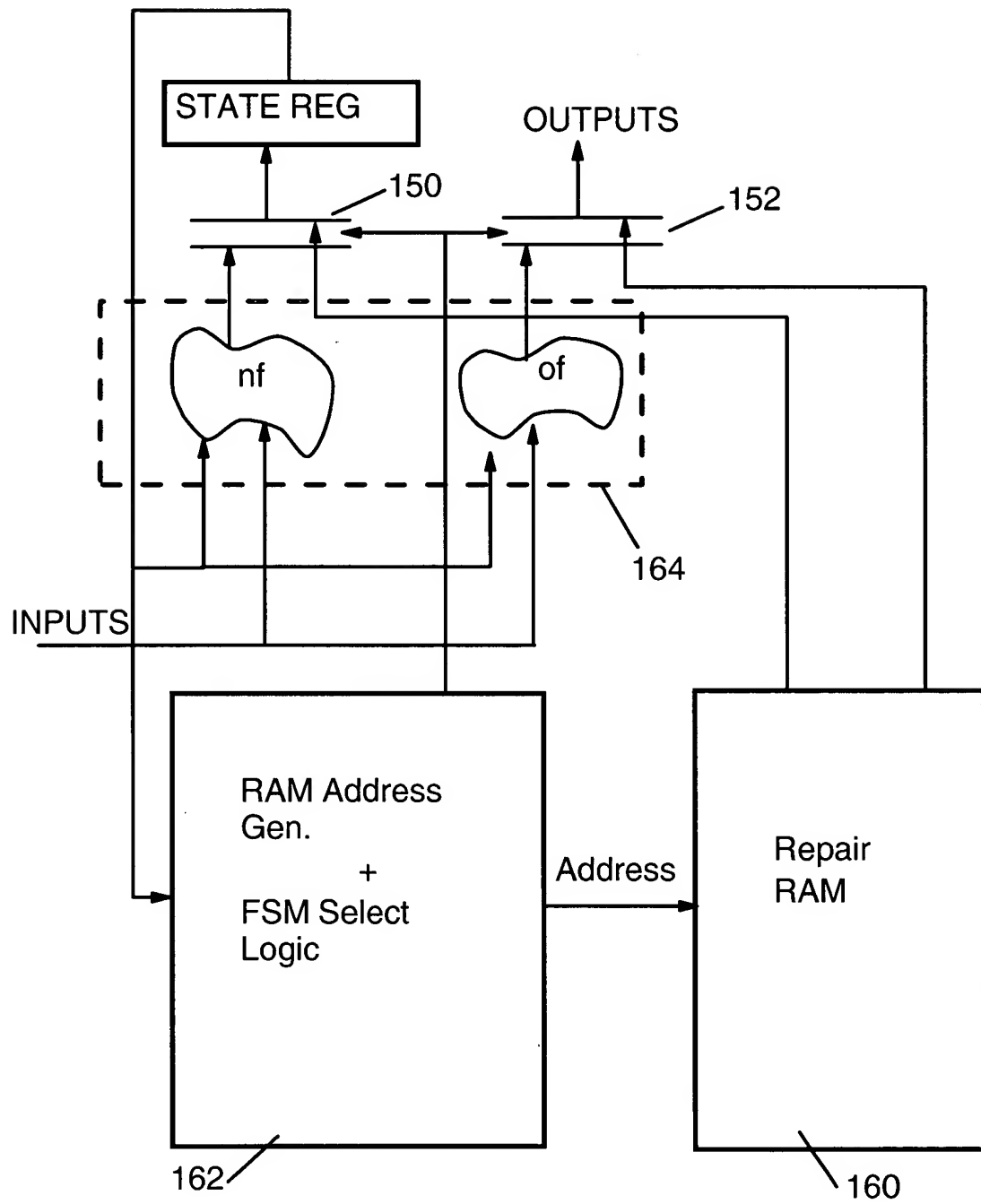


FIG.16

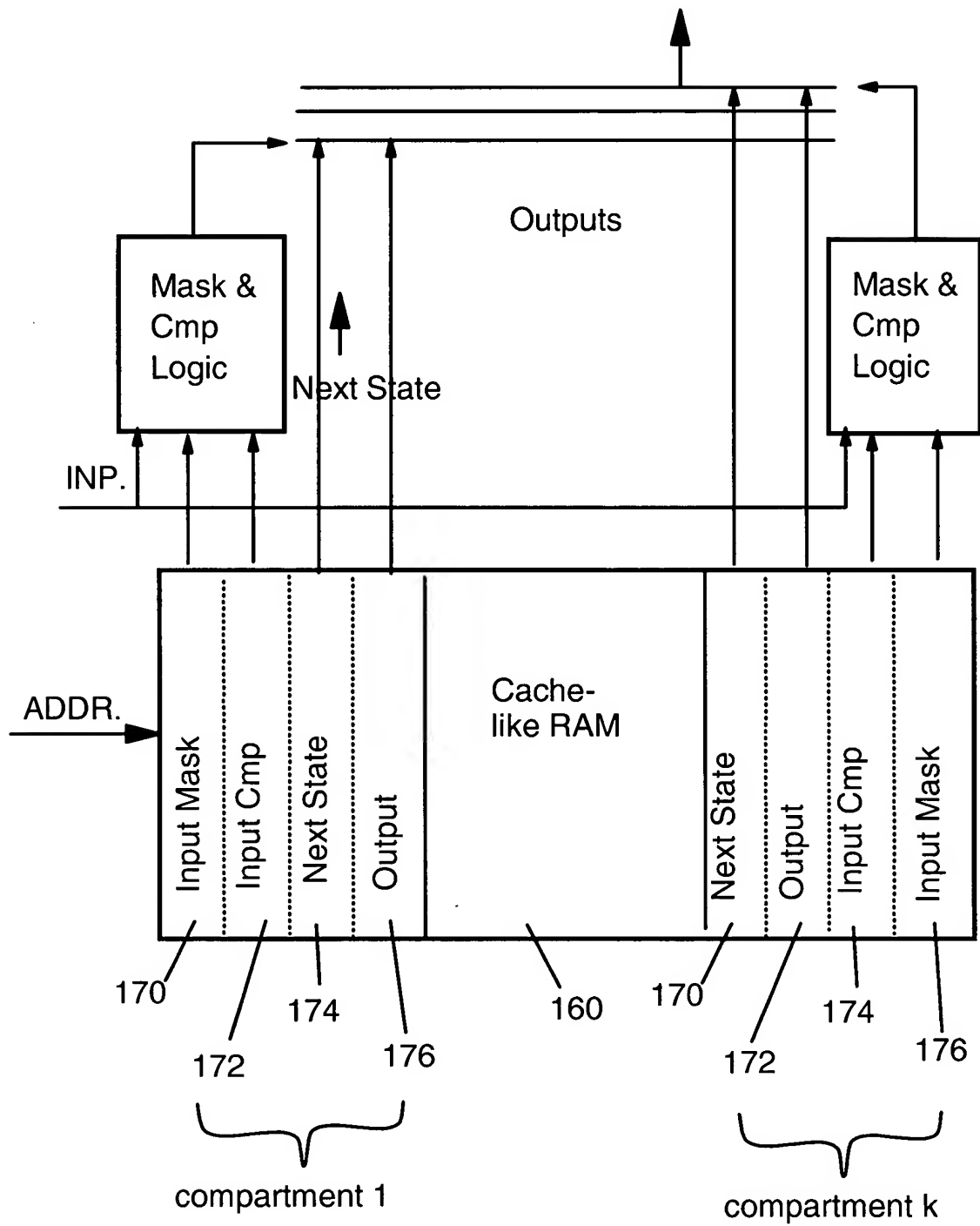


FIG.17

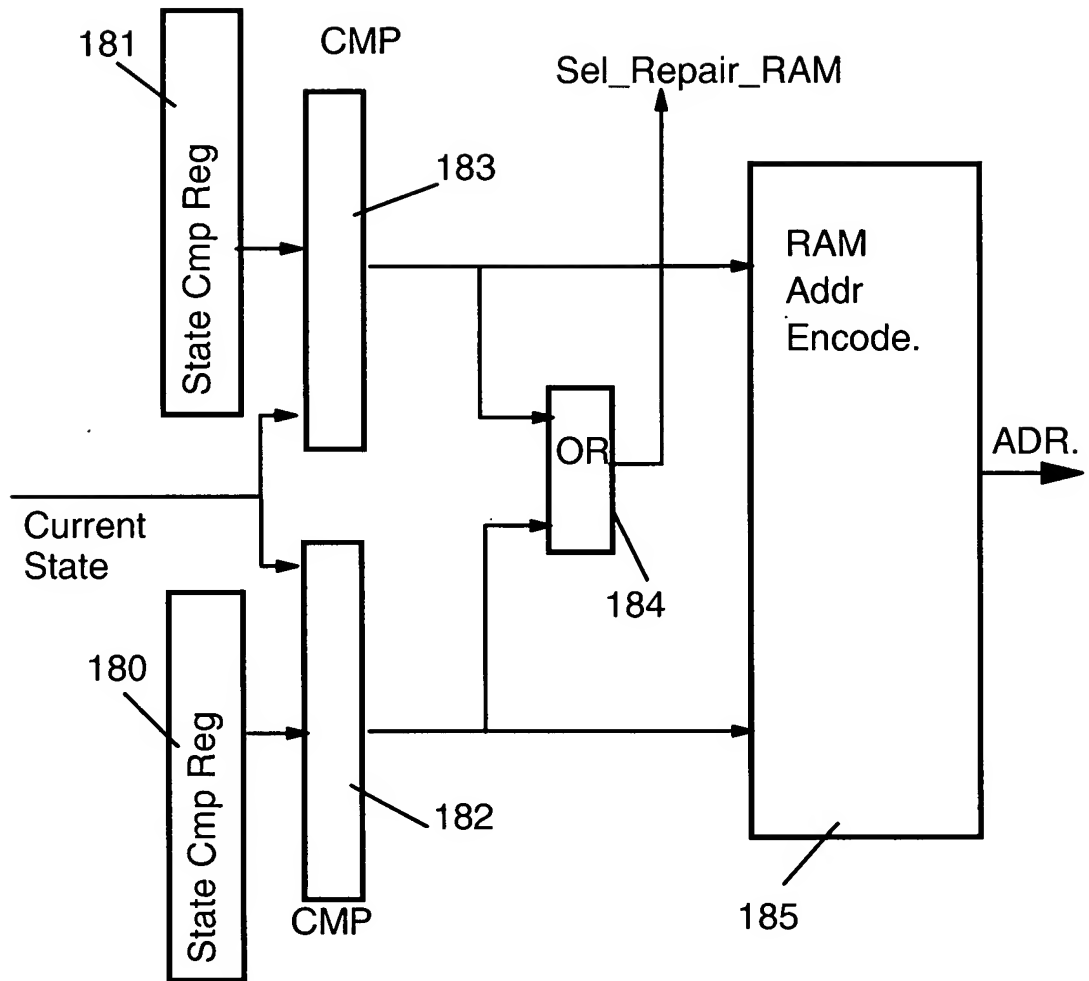


FIG.18